

January 21, 1993

Federal Communications Commission
1919 M St., NW
Washington D.C. 20554

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JAN 26 1993

FCC MAIL ROOM

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JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Sir:

Please record my **opposition to F.C.C. Action - NPRM PR Docket 92-235.**

This action will immediately outdate all Radio Control equipment up to channel 42. Over the last three years the F.C.C. has required all radio control fliers to upgrade, at great expense, to the very equipment they now propose rendering useless.

If this proposal is granted by the F.C.C., not only will informed members of the Academy of Model Aeronautics suffer, but more so will Radio Control fliers having no knowledge of the additional frequencies. This will create untold problems all over the United States and Canada.

The 72.000MHz to 72.999MHz band reserved for radio controlled aircraft must be protected by the F.C.C.

Sincerely



George Jolly
President Aero R/C Club Inc.
Flint, Michigan

cc: The Honorable Donald Reigle
The Honorable Carl Levin
The Honorable Robert Carr

Federal Communications Commission
1919 M St. NW
Washington DC 20544

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JAN 26 1993
JAN 26 1993
FCC MAIL ROOM
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

THOMAS A. LION
10119 SQUIRE'S TRAIL
GREAT FALLS, VA. 22066

Dear Sir or Madam,

I am very concerned about the proposed rules that are currently under consideration by the Federal Communications Commission. The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies already assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band, a band primarily used for private Land Mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the Land Mobile frequencies that we have been able to share the band without either use interfering with the other. Now the FCC wants to create more Land Mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many Land Mobile frequencies will move closer to the radio control frequencies. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted. Many thousands of dollars of radio control equipment owned by members of my club will be rendered useless.

When we fly our model airplanes we go through great lengths to assure the safety of the operators and bystanders and the protection of property. Our safety precautions involve the careful coordination and use of the assigned radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly reduced. Please understand that many model airplanes have wing spans up to 10 feet, weigh as much as 30-40 pounds and fly at a high rate of speed. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We need the use of our full compliment of radio frequencies in order to assure a safe flying environment.

I do not think it is wise for the FCC to seek to allocate more radio frequencies for Land Mobile users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me to continue the safe enjoyment of my pastime by not implementing NRPM PR Docket 92-235.

Sincerely,

Thomas A. Lion

FEDERAL COMMUNICATIONS COMMISSION
1919 M St. N.W.
Washington, D.C. 20554

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1/19/93

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JAN 26 1993

FCC MAIL ROOM

JAN 26 1993
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Dear Sir

I construct and operate radio controlled model airplanes. I have been interested in aviation for as long as I can remember. I am a very active member of the Mid Missouri Modelers; Higginsville, Missouri; whose members enjoy constructing and operating radio controlled model airplanes.

I am very concerned about the proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When I fly my model airplane under radio control, I go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of my safety precautions involve the careful coordination and use of the radio control frequencies. If the number of useable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

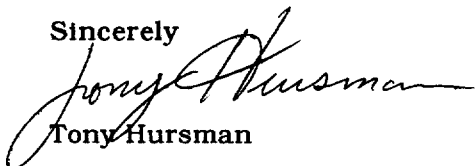
Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. I often fly my models at organized events and contests where hundreds of operators participate. I need the use of the full complement of radio frequencies in order to assure the safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to

myself and thousands of people like myself and contributes to the advancement and development of the commercial aviation industry. The hobby also provides employment for many individuals and revenue to many businesses. I am currently employed at ACE RADIO INC.: Higginsville , MO.: who manufactures the only line of American made radio equipment designed specifically for model airplane useage. The restriction of reduced frequencies currently under consideration will impact our economy and my personal income.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely

A handwritten signature in cursive script, appearing to read "Tony Hursman". The signature is written in dark ink and is positioned above the printed name.

Tony Hursman

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RECEIVED

JAN 26 1993

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FCC MAIL ROOM

Date: 1-21-93

JAN 26 1993

RECEIVED

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION

1919 M Street, NW
Washington, DC 20554

FCC MAIL ROOM

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies with 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 15 years. I own 4 radios and 8 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

John P. Gelsimino

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JAN 26 1993

FCC MAIL ROOM

Date: 1-21-93

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JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FEDERAL COMMUNICATIONS COMMISSION

1919 M Street, NW
Washington, DC 20554

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This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 10 years. I own 3 radios and 5 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

David S. Dunda

January 25, 1993

DOCKET FILE COPY ORIGINAL
8229 G Street, Bell Way
Emeryville, CA 90620

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JAN 26 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

JAN 26 1993

FCC MAIL ROOM

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

RE: Federal Communications Commission Notice of Proposed Rule Making
NPRM - PR Docket 92-235

Dear Sir or Madam:

The above proposed rule would have a profound effect on the now existing frequencies allocated to the control of model aircraft, also called "R/C" frequencies. R/C standing for Radio Control as it applies, in this case, to control of model aircraft. This proposal was developed by the Mobile Land Service, and would amend the existing Part 95 of the Code of Federal Regulation.

Without becoming too technical, the restructuring inserts two new frequencies between those presently assigned for R/C modeling use and commercial users. This means we could have a user, higher in radiated power, transmitting only 2.5 kHz (2500 cycles per second) away from an assigned R/C frequency. For instance, the channel now used for control of model aircraft is channel 12, operating on an assigned frequency of 72.030 MHz. The new inserts would be assigned to 72.0325 MHz, and 72.0375 MHz. These frequencies are "too close for comfort" for the following reasons:

1. These new frequencies would be assigned to "mobile" units making it practically impossible to know where they are at any time, and allow the R/C hobbist to land the plane safely to avoid interference.
2. Due to the higher power allowed to the mobile units, and regardless of the quality of the R/C equipment used, the possible close proximity of the mobile unit would cause severe interference and safety problems.

Any interference at all could cause a plane to crash, and further, the crash would be completely uncontrolled. Since the modern model aircraft of today can be as large as $\frac{1}{4}$ the size of a real aircraft, and can weigh as much as 50 pounds it is apparent that they are not the simple stick and tissue paper planes of years ago. These planes can cause severe damage, injury, and possible death if one hits a person.

To eliminate the existing assigned frequencys of the modeler could cause the nullification of as much as \$1500.00 worth of equipment per individual. This could impact as many as 250,000 plus individuals.

It is with sincere hope that you will consider all the problems this proposal can cause before you affirm the action of the Federal Communications Commission.

Sincerely,


John Greenshields

January 25, 1993

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ORIGINAL
JAN 26 1993

Mobile Avenue
Anaheim, CA 92804

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JAN 26 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC MAIL ROOM

RE: Federal Communications Commission Notice of Proposed Rule Making
NPRM - PR Docket 92-235

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Without becoming too technical, the restructuring inserts two new frequencies between those presently assigned for R/C modeling use and commercial users. This means we could have a user, higher in radiated power, transmitting only 2.5 kHz (2500 cycles per second) away from an assigned R/C frequency. For instance, the channel now used for control of model aircraft is channel 12, operating on an assigned frequency of 72.030 MHz. The new inserts would be assigned to 72.0325 MHz, and 72.0375 MHz. These frequencies are "too close for comfort" for the following reasons:

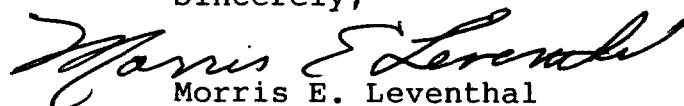
1. These new frequencies would be assigned to "mobile" units making it practically impossible to know where they are at any time, and allow the R/C modelers to land the plane safely to avoid interference.
2. Due to the higher power allowed to the mobile units, and regardless of the quality of the R/C equipment used, the possible close proximity of the mobile unit would cause severe interference and safety problems.

Any interference at all could cause a plane to crash, and further, the crash would be completely uncontrolled. Since the modern model aircraft of today can be as large as $\frac{1}{4}$ the size of a real aircraft, and can weigh as much as 50 pounds it is apparent that they are not the simple stick and tissue paper planes of years ago. These planes can cause severe damage, injury, and possible death if one hits a person.

To eliminate the existing assigned frequencies of the modeler could cause the nullification of as much as \$1500.00 worth of equipment per individual. This could impact as many as 250,000 plus individuals.

It is with sincere hope that you will consider all the problems this proposal can cause before you affirm the action of the Federal Communications Commission.

Sincerely,


Morris E. Leventhal

Jan. 22, 1993

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JAN 26 1993

JAN 26 1993

FCC MAIL ROOM

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 25 years. I own 5 radios and 10 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Albert Cybulski

P.O. Box 304

Belmont, OH 43718



Steve Kaluf, 2108 Walnut St., Higginsville, MO 64037

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1/22/93

JAN 26 1993

JAN 26 1993

Federal Communications Commission
1919 M St. NW
Washington, DC 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY
FCC MAIL ROOM

Dear Sir,

I am an active radio control model aircraft flyer and competitor. I have been involved in this hobby since the age of eight (I'm now 34). I have a very significant investment in my radio equipment and aircraft, probably over \$6,000 worth of equipment, not taking into account the time investment.

I have recently been made aware of proposed rules that are currently under consideration by the FCC (PR Docket 92-235). It is my understanding that, if adopted, the new rules will greatly reduce the usability of the frequencies currently available for our use.

The frequencies we use are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are currently far enough apart from the land mobile frequencies that we have been able to share the band without either user interfering with the other. If the new rules go into effect, many land mobile frequencies will move closer to the radio control frequencies and cause interference to our radio control operations. Of the 50 frequencies we currently have (and just got, I might add), only 19 would continue to be usable. At contests and fly-ins with hundreds of pilots participating, having only 19 frequencies would make the event virtually impossible to host safely.

Please understand that our aircraft are, for the most part, complicated and very expensive pieces of equipment. Months of work goes into each and every model. We go to great lengths to insure that we are operating in the safest possible fashion. A 25 pound aircraft flying at 80 MPH can do considerable property damage not to mention bodily damage or even death in the event of interference. If the new rules proposal goes forward our safety and the safety of those around us will be jeopardized.

I do not feel that improving the operating condition of land mobile radio users at the R/C modelers expense is wise. This sport provides many hours of enjoyment to thousands of people like myself. The education, scientific and industrial benefits received from our sport far out weights the gain that would be had by the mobile radio users.

Respectfully,


Steve Kaluf

R.L. KRINSKY
EXECUTIVE VICE PRESIDENT
CHANNEL ISLAND CONDORS
708 ROSEBUD DRIVE
OXNARD, CALIFORNIA 93030

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JAN 26 1993

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JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

January 15, 1993

FCC
1919 M St. NW
Washington, DC 20554

RE:NPRM PR DOCKET 92-235

Dear Sirs;

I am writing to you with regard to the above captioned item. I belong to an R/C flying club with a membership of 225 people who are very much involved with R/C flying. Each member has approximately \$2,000.00 to \$5,000.00 (or more) in equipment, comprised of radios and receivers as well as aircraft. (and we are just one club in one area. There are several other clubs in this area alone.)

We have just finished changing our transmitters and receivers to narrow band, effective 1991.

It is my understanding that you now are proposing another change. You propose to add two new frequencies between those presently assigned for modeling use and commercial users. This means that we could have a user higher in power, transmitting only 2.5 KHZ away from many of our 72MHZ and 75 MHZ frequencies. Not only are these users very close to our frequencies, they are also designated as "mobile" therefore we would never know where they are operating, including right in the pit area of our field. Our equipment will not be free from interference at this spacing!

What this means is, we could lose aircraft worth from \$100.00 to \$5,000.00 in materials along, not including labor!

Furthermore it would pose a safety hazard to pilots and spectators of a very serious nature.

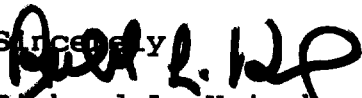
R.L. KRINSKY
EXECUTIVE VICE PRESIDENT
CHANNEL ISLAND CONDORS
708 ROSEBUD DRIVE
OXNARD, CALIFORNIA 93030

page 2

I am asking you to not make this change! Too that end I am writing both my congressman and U.S. Senator as well.

If you enact these changes you will be responsible for destroying a hobby with millions of dedicated people invovled, as well as businesses which serve this hobby.

Please re-consider this action!!!

Sincerely,


Richard L. Krinsky
Executive Vice-President
Channel Island Condors

cc:Senator Feinstein
Congressman Elton Gallagy

225 Gordons Corner Rd.
Box 420
Manalapan, NJ 07726

HOBBY MERCHANDISER

DOCKET FILE COPY OF
Phone: (908) 446-4900
Fax: 908 446-5495

January 22, 1993

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Federal Communications Commission
1919 M Street NW
Washington, D C 20554

JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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JAN 26 1993

FCC MAIL ROOM

Dear Sirs:

I am the publisher of a National Trade Magazine
for the Model/Hobby Industry.

It has recently come to my attention that the Federal
Communications Commission (FCC) is considering an action
that has the potential to destroy my business and that
of thousands of other manufacturers nationwide like me.
The proceeding is PR Docket 92-235.


Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-
235 replaces Part 90 of your rules with a new Part 88. Part
90 allows for safe use of R/C aircraft and surface models by
keeping 10 kHz spacing between fixed commercial users and
frequencies used by R/C enthusiasts. The new Part 88 will
allow mobile users on frequencies within 2.5 kHz of
frequencies available to radio control users, eliminating
safe use of at least 31 of the 50 channels on 72 MHz band and
10 of the 30 frequencies on 75 MHz band now used by
hobbyists. In fact, more channels will likely be affected.

If adopted, the new rule will greatly reduce the useability
of frequencies currently assigned for R/C model use and
increase the risk of accidents and attendant liability.
It will create a significant safety risk and severely
damage a billion dollar industry. It will put me out of
business (or, for other related manufacturers,
"It will create severe economic hardships for hobby
retailers who sell my product nationwide.)

I urge you to reconsider this action. Keep 10 kHz spacing
between all frequencies on 75 MHz and 72 MHz frequencies
available for safe use by R/C enthusiasts. Please don't
eliminate this hobby that has grown tremendously over the
past 30 years and has so much investment of money and
enjoyment of people countrywide.

Thank you for your consideration.

Sincerely,


Rob Gherman,
Publisher

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Federal Communications Commission
1919 M Street NW
Washington, DC 20554

JAN 26 1993

FCC MAIL ROOM

Urgent: Serious problem with PR Docket 92-235.

41-20-93
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JAN 26 1993
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY
ORIGINAL

Dear Sirs:

Please help me! My hobby is the construction and operation of radio controlled model airplanes. I have been in this hobby for many years and have a considerable investment in it. It is a wonderful hobby for young and old. Also, I have many friends in this hobby.

I am very concerned about the proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is **PR Docket 92-235**. If adopted, the new rules will absolutely cause radio interference on the majority of frequencies currently assigned for RC model aircraft use. Safety is very important in this hobby.

Our RC frequencies are in the 72 - 76 MHz band. We share this band with the private land mobile dispatch operations. However, now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging this band. The mobile frequencies will be separated by 5 KHz but they will bracket the RC frequencies by only 2.5 KHz. This will cause interference on the RC channels. In addition **the technical specifications for the new mobile equipment allows a frequency tolerance which could place their signal directly on an RC channel.**

Can you imagine all the RC airplanes, each costing several hundred dollars or more, that will be crashing to the ground because someone uses a "mobile" telephone in the vicinity. We modelers have controls and rules in place to assure the safety of the operators and bystanders and also the protection of surrounding property. But there will be no protection against these new frequencies because they are "mobile" and we would never know where they are.

The frequency changes are proposed by the FCC Land Mobile Service. The FCC has issued a Notice of Proposed Rule Making (**NPRM - PR Docket 92-235**)

All over the country there are organized events and contests where hundreds of operators participate. Spectators often number in the thousands at these events. This hobby provides many hours of enjoyment to hundreds of thousands of people like myself and my family. *Please help keep model aviation safe.*

The FCC must not be allowed to carry out its proposals for the 72 - 76 MHz band.

Sincerely

Kenn R. Schilling
FORT WAYNE IN.

Federal Communications Commission
1919 M Street, NW
Washington, D.C. 20554

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FCC MAIL ROOM

20 January 1993

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DOCKET FILE COPY ORIGINAL

Dear Sirs:

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 37 years. I own 5 radios and 8 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Thomas W. Adkins
414 W Phillips Court
Grand Prairie, Texas 75051

Thomas W. Adkins
AMA 216796

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JAN 26 1993

January 20, 1993

FCC MAIL ROOM

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

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JAN 26 1993

Dear Sirs:

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

I am employed at a hobby distribution company that sells mostly radio controlled hobby products. It is a good job that provides steady income for me and my family.

It appears that the Federal Communications Commission (FCC) is considering an action that will put my company and, therefore, my job in jeopardy. The proceeding is PR Docket 92-235.

In that action, I understand that by 1996 mobile users of other electronic equipment for voice communications, inventory control, bar code readers and the like would be able to use frequencies within 2.5 KHz of the radio frequencies used by our customers—R/C modelers. Now, there is safe spacing of 10 KHz between fixed commercial users and our frequencies.

Putting your 92-235 into effect will eliminate safe use of many frequencies now used by R/C modelers on the 72 and 75 MHz bands. This not only creates a health hazard but will really hurt the R/C hobby business, possibly costing me my job.

In an economic time when jobs are hard to come by, I hope you won't take this action and eliminate thousands of jobs related to this industry as well as the pastime of hundreds of thousands of modelers across the U.S.

I urge you to reconsider this. Keep 10 KHz spacing between all frequencies on 75 and 72 MHz bands as the rule now stands.

Thank you for your consideration.

Sincerely,

Ellen A. Holy

Ellen A. Holy
1511 Paula Dr.

Champaign, IL 61821

Employer of Horizon Hobby Dist.

F. T. FISCHER & ASSOCIATES, INC.
Geologic Consultants

(615) 327-0595

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JAN 26 1993

FCC MAIL ROOM

DOCKET FILE COPY ORIGINAL
Minerals
Oil & Gas
Hydrogeology

January 22, 1993

RECEIVED

JAN 26 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important avocation of mine, radio controlled (R/C) model airplanes, helicopters, cars, and boats.

Your notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 80 allows for safe use of R/C aircraft and surface models by keeping 10 KHz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 KHz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 channels on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard in addition to the financial loss incurred in an expensive crash.

I have been involved in this hobby for nine (9) years. I own five (5) radios and six (6) model airplanes. In addition, I have numerous engines, motors, chargers, field accessories, and other products necessary to support my hobby. When you take into consideration the hundreds of thousands of other R/C hobbyists in the United States, like myself, these proposed rule changes will affect a lot of people, both economically as well as in terms of enjoyment.

I urge you to reconsider this proposed rule change. Keep 10 KHz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe utilization by R/C enthusiasts. Please don't eliminate this hobby that has grown enormously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

January 22, 1993
Page - 2

Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script, appearing to read "Frederick T. Fischer". The signature is written in dark ink and is positioned above the printed name and title.

Frederick T. Fischer
President - Principal Geologist

FTF/dkr

JOHN C. MILLER, CHARTERED
ATTORNEYS AND COUNSELLORS AT LAW
RESIDENT ATTORNEY: JOHN C. MILLER
SUITE 201 BLOHM BUILDING
ELKO, NEVADA 89801
(702) 738-8064

TELECOPY
(702) 738-9181

January 20, 1993

*The Honorable Barbara Vucanovich
House of Representatives
507 Cannon Building
Washington, DC 20515*

Re: Federal Communications Commission Proposal - PR Docket 92-235

Dear Congressman Vucanovich:

By now all the excitement concerning the change of Administration and the Inauguration is probably over. I trust you and George had a happy holiday period in Nevada and that you are now back in Washington refreshed and ready to go.

I am writing to you at this time concerning a matter that is very dear to my heart. Apparently the Federal Communications Commission is contemplating implementing regulations that would, in essence, take away certain radio frequencies presently assigned to radio controlled model airplane users. As you may or may not know, I am a model airplane enthusiast. Typically, when the Federal Government does something I will roll with the punches, but when the Federal Communication Commission starts to fool around with my hobby, my adrenalin begins to flow. Attached hereto is a package of information from Horizon Hobby Distributors that explains the situation. In essence, if the Federal Communications Commission removes some of the allowable frequencies from radio controlled model airplane use, hobbyists such as myself, who have purchased several radio systems for model aircraft, may have to spend several hundreds of dollars in order to have the radios converted to the narrower group of frequencies. This happened several years ago, and quite frankly, we modelers of America are sick and tired of it.

Radio control model aircraft is a very active and challenging hobby for adult America, with a hotbed of activity centered in and around the Reno and Las Vegas areas. In particular, Las Vegas is the host of many national and international events, with Bill Bennett of Circus Circus being not only an active enthusiast, but a sponsor of many of the activities. The Las Vegas area has hosted the National Quarter-Scale events, the NATS, the National Scale Masters Tournament, the National Pattern Tournaments, and many, many others over the years. Reno also is a major hotbed of modeling activity, hosting the NATS in 1984 or 1985, and this summer is hosting the National Model Reno Air Races. We here in Elko have an active group that includes names you will recognize such as Max Wignall and Mark Chilton.

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*The Honorable Barbara Vucanovich
House of Representatives
Page 2
January 21, 1993*

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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FCC MAIL ROOM

Nationwide, if you add together all of the different modeling groups headed by the Academy of Model Aeronautics, the Quarter-Scale Association, the International Miniature Aircraft Association, and others, there are probably 400,000 to 600,000 members of these various organizations, and probably an equal number of radio control enthusiasts who do not belong to any organized group. I know on your many trips around northern and rural Nevada you have probably witnessed radio control model airplane activity, be such at the Reno Air Races, at Laughlin, or elsewhere.

The integrity of radio frequencies assigned to model users is more than a monetary concern, it is all important as a safety concern. When radio frequencies are invaded by others (as allowed by the FCC) a 10-15 pound model airplane flying at 75 miles per hour can be a safety concern to the modeler and any spectators. Even if there are no people hurt by a model gone awry by conflicting radio frequency uses, a major crash can cost the modeler \$300 to \$3,000 and hundreds of hours of building time.

You and your staff could be of great service to me, the Elko RC Club and its members, as well as modelers all over the state of Nevada, and for that matter the Nation, by forcing the Federal Communications Commission to find other ways to rectify their past mismanagement of the frequency spectrum other than taking from the hobby enthusiasts. Your help will be greatly appreciated.

Sincerely yours,

JOHN C. MILLER

JCM:emc

Enclosures

cc Federal Communications Commission (w/enclosures)

← **COPY ONLY**

HORIZON

Horizon Hobby Distributors, Inc.

January 13, 1993

JAN 26 1993

Dear Dealer:

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

The future of our R/C industry and our very livelihood is at risk.

The Federal Communications Commission (FCC) is considering an action that will have a profound effect on model frequency use. This massive restructuring inserts two new frequencies between those presently assigned for modeling use and commercial users. The net result is that we will have a user, higher in power, transmitting only 2.5 KHz away from many of our 72 MHz and 75 MHz frequencies.

The proposal is referred to as PR Docket 92-235.

The FCC will receive formal comments prior to February 26, 1993. If they decide to implement this proposal, we will lose the safe use of most of our frequencies by 1996.

What can we do about this?

We need to act fast to contact the FCC and our Congressmen. Likewise, it's imperative that every R/C modeler and interested citizen do the same NOW. Here's how:

1. Send a personal letter or a copy of the enclosed dealer sample letter on your letterhead immediately to the FCC and your Congressmen.
2. Make copies of the two consumer letters enclosed and distribute them to every customer/interested citizen. If you can make a mailing to your customers, please do it.

Encourage any modeler who wants to write his own letter, as opposed to the form letter, to do so.

Since personalized letters are more effective, you and your customers can find out the names of your Representative and/or Senator by calling Capitol Directories at (202) 224-3121. You might want to include that information and/or the phone number in your customer correspondence as well.

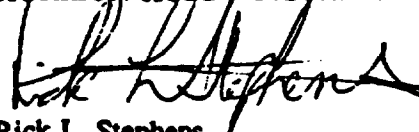
The AMA, along with the R/C Manufacturers Association, is now filing a formal letter of comment to the FCC through legal counsel. The attorneys have recommended that our best line of defense is to have a couple hundred thousand people contact the FCC and our Congressmen immediately.

Please get involved. This is our only chance to let our government know how this change will impact our industry.

If you have any questions, please contact us.

Sincerely,

HORIZON HOBBY DISTRIBUTORS, INC.



Rick L. Stephens
President

**Sample Letter to Senator or Representative (from consumer)
Regarding FCC Rule Making**

[Date]

The Honorable [Name]
[Address]

Dear Mr./Ms. [] (if to Representative):

Dear Senator [] (if to Senator):

[Begin with a description of the writer's interest. E.g., "I am retired and derive many hours of enjoyment from constructing and operating radio-controlled model airplanes." Or, "I have been interested in aviation for as long as I can remember. I am very active in a local club whose members enjoy constructing and operating radio-controlled model airplanes. I personally own ____ radios, ____ R/C models and have a workshop full of other products necessary to operating my models."]

I am very concerned about the proposed rule that is currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability.

Our radio-control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

The Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of the rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band (for R/C aircraft) and 10 of the 30 frequencies on the 75 MHz band (for R/C cars and boats) now used by hobbyists. In fact, more channels will likely be affected.

When we operate our R/C models, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

I don't think it is wise of the FCC to seek to expand the operation conditions of land mobile radio users at the expense of the radio-control modelers. The FCC may not think we are as important as business users of radio, but we have a considerable investment in our models and in our radio equipment. It is a sizeable industry that must be saved from these detrimental FCC actions. The hobby provides many hours of enjoyment to hundreds of thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal PR Docket 92-235 for the 72-76 MHz band. We all need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Sincerely,

Sample Letter to FCC (from consumer)
Regarding FCC Rule Making

[Date]

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for _____ years. I own _____ radios and _____ model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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JAN 26 1993

FCC MAIL ROOM

January 20, 1993

*The Honorable Richard H. Bryan
United States Senate
364 Russell, Senate Office Bldg.
Washington, DC 20510*

Re: Federal Communications Commission Proposal - PR Docket 92-235

Dear Senator Bryan:

By now all the excitement concerning the change of Administration and the Inauguration is probably over. I trust you and Bonnie had a happy holiday period in southern Nevada and are now back in Washington refreshed and ready to go.

I am writing to you at this time concerning a matter that is very dear to my heart. Apparently the Federal Communications Commission is contemplating implementing regulations that would, in essence, take away certain radio frequencies presently assigned to radio controlled model airplane users. As you may or may not know, I am a model airplane enthusiast. Typically, when the Federal Government does something I will roll with the punches, but when the Federal Communication Commission starts to fool around with my hobby, my adrenalin begins to flow. Attached hereto is a package of information from Horizon Hobby Distributors that explains the situation. In essence, if the Federal Communications Commission removes some of the allowable frequencies from radio controlled model airplane use, hobbyists such as myself, who have purchased several radio systems for model aircraft, may have to spend several hundreds of dollars in order to have the radios converted to the narrower group of frequencies. This happened several years ago, and quite frankly, we modelers of America are sick and tired of it.

Radio control model aircraft is a very active and challenging hobby for adult America, with a hotbed of activity centered in and around the Reno and Las Vegas areas. In particular, Las Vegas is the host of many national and international events, with Bill Bennett of Circus Circus being not only an active enthusiast, but a sponsor of many of the activities. The Las Vegas area has hosted the National Quarter-Scale events, the NATS, the National Scale Masters Tournament, the National Pattern Tournaments, and many, many others over the years. Reno also is a major hotbed of modeling activity, hosting the NATS in 1984 or 1985, and this summer is hosting the National Model Reno Air Races. We here in Elko have an active group that includes names you will recognize such as Max Wignall and Mark Chilton. It was the National Quarter-Scale events that I attended in October when Peggy and I were visiting with you and Bonnie.

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The Honorable Richard H. Bryan
United States Senate
Page 2
January 21, 1993

Nationwide, if you add together all of the different modeling groups headed by the Academy of Model Aeronautics, the Quarter-Scale Association, the International Miniature Aircraft Association, and others, there are probably 400,000 to 600,000 members of these various organizations, and probably an equal number of radio control enthusiasts who do not belong to any organized group. I know on you have probably witnessed radio control model airplane activity on the Eldorado Dry Lake south of Railroad Pass, or at the Las Vegas field across the parking lot from the Silver Bowl.

The integrity of radio frequencies assigned to model users is more than a monetary concern, it is all important as a safety concern. When radio frequencies are invaded by others (as allowed by the FCC) a 10-15 pound model airplane flying at 75 miles per hour can be a safety concern to the modeler and any spectators. Even if there are no people hurt by a model gone awry by conflicting radio frequency uses, a major crash can cost the modeler \$300 to \$3,000 and hundreds of hours of building time.

You and your staff could be of great service to me, the Elko RC Club and its members, as well as modelers all over the state of Nevada, and for that matter the Nation, by forcing the Federal Communications Commission to find other ways to rectify their past mismanagement of the frequency spectrum other than taking from the hobby enthusiasts. Your help will be greatly appreciated.

Sincerely yours,

JOHN C. MILLER

JCM:emc

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